

CA-NV AWWA Water Loss Technical Assistance Program

Wave 4 Water Audit Level 1 Validation Document

Audit Information:

Utility: Watsonville

PWS ID: CA4410011

System Type: Potable

Audit Period: Calendar 2016

Utility Representation: Beau Kayser (Water Operations Supervisor), Silvia Diaz, Gabe Gordo, Max Brandenburg (Customer Service Manager), Hilda Martinez

Validation Date: 8/2/2017

Call Time: 9am

Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 57 Data Validity Band (Level): Band III (51-70)

ILI: 0.62

Real Loss: 8.70 (gal/conn/day)

Apparent Loss: 7.79 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 1.8%

Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

Validator Information:

Water Audit Validator: Drew Blackwell / Larry Lewison (support)
TAP

Validator Qualifications: Contractor for CA-NV AWWA Water Loss

Validator Provided

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Water System Name: Watsonville, City of

Water System ID Number: 4410011

Water Audit Period: Calendar 2016

Water Audit & Water Loss Improvement Steps:

Steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

Utility will increase the frequency of supply meter checks and/or calibrations.

Utility will continue proactive testing of large water meters, and targeted testing and replacement of smaller meters.

Utility will work with groups within water service area to track water usage for flushing, fire flow testing, fire hydrant exercising.

Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (Print)

Steve Palmisano

Executive Position

Public Works Director

Signature



Date

10/10/2017

Utility Provided